

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

ATTY. DOCKET NO.

520.38161CX2

SERIAL NO.

Not yet assigned

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT
K. ARUGA

FILING DATE
July 10, 2003

GROUP
2187

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	5 7 6 8 5 5 1	6/98	Bleiweiss et al	710	316	
↑	6 1 4 8 4 1 4	11/00	Brown et al	714	8	
	6 0 2 3 7 5 4	2/00	DuLac et al			
	5 6 9 9 5 3 3	12/97	Sakai	710	316	
	6 3 2 4 1 8 1	11/01	Wong et al	370	403	
	6 2 4 7 0 7 7	6/01	Muller et al	710	74	
	6 1 8 5 2 0 3	2/01	Berman	370	351	
↓	5 8 6 7 6 4 0	2/99	Aguilar et al	714	6	
GJP	6 5 4 2 9 5 4	4/03	Aruga			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
GJP 1 0 1 7 1 7 4 6	6/98	Japan			XX

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER GARY J. PORTKA

DATE CONSIDERED 12/15/04

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GJP	5 7 2 9 7 6 3	3/98	Leshem	710	38	
↑	5 4 7 1 5 8 6	11/95	Sefidvash et al	710	104	
↓	5 2 7 4 6 4 5	12/93	Idelman et al	714	6	
GJP	5 0 7 7 7 3 6	12/97	Dunphy, Jr. et al	714	7	

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ATTY. DOCKET NO.

SERIAL NO.

520.38161CX3

10/615,907

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APPLICANT
Kazuhisa ARUGA

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	4,144,583	3-1979	LAWSON et al.			
↑	5,941,972	8-1999	HOESE et al.			
	6,006,342	12-1999	BEARDSLEY et al.			
	6,041,381	3-2000	HOESE			
	6,061,750	5-2000	BEARDSLEY et al.			
	6,195,703	2-2001	BLUMENAU et al.			
	6,421,753	7-2002	HOESE et al.			
	6,425,035	7-2002	HOESE et al.			
	6,425,036	7-2002	HOESE et al.			
	6,446,141	9-2002	NOLAN et al.			
↓	6,493,347	12-2002	SINDHU et al.			
GJP	6,574,667	6-2003	BLUMENAU et al.			

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	6 7 1 5 0 3 4	03/04	Kleiman et al			
↑	5 2 5 7 3 9 1	10/93	DuLac et al			
	4 9 8 4 2 7 2	1/91	McIlroy et al			
	4 9 3 7 7 6 3	6/90	Mott			
	4 8 2 5 3 5 4	4/89	Agrawal et al			
	5 0 6 7 0 9 9	11/91	McCown et al			
	5 1 1 3 4 4 2	5/92	Moir			
↓	5 1 4 4 6 5 9	9/92	Jones			
GJP	5 2 0 2 9 8 3	4/93	Orita et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
GJP	5 1 9 7 4 9 5	8/93	Japan			XX	
↑	0 2 4 4 8 6 2	6/02	PCT				
↓	0 1 4 3 3 6 8	6/01	PCT				
GJP	0 5 3 7 0 9 8	1/99	European				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

GJP	IBM, "Fibre Channel Standard Hub-Loop Redundancy for Higher RAS", IBM Technical Disclosure Bulletin, vol. 37, No. 4A, Apr. 1, 1994, pp. 383-385.
GJP	Kembel "In-Depth Fibre Channel Arbitrated Loop", Fibre Channel Consultant, Northwest Learning Associates, April 1997, pp. 7, 16-20.
GJP	Nass, "Connect Disk Arrays to EISA or PCI Buses", Electronic Design, vol. 41, No. 23, Nov. 11, 1993, 152-154.

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GJP	5 2 2 2 2 1 7	6/93	Blount et al			
↑	5 2 5 7 3 9 1	10/93	DuLac et al			
	5 2 8 3 8 3 0	2/94	Hinsley et al			
	5 5 7 2 7 1 1	11/96	Hirsch et al			
	5 6 1 7 5 6 8	4/97	Ault et al			
	5 6 6 8 9 5 8	9/97	Bendert et al			
↓	5 6 7 5 7 8 2	10/97	Montague et al			
GJP	5 6 8 9 7 0 1	11/97	Ault et al			

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						YES	NO

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GJP	Sebring Systems, "Sebring Rings In Networking", Sebring Systems, Inc. Aug. 9, 1999, pp. 1-14.
GJP	Sebring System, "Sebring Theory of Ring Operation (STROP)", Sebring Systems, Inc., Sept. 9, 1999, pp. 1-66.

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GJP	5 7 3 7 5 2 3	4/98	Callaghan et al			
↑	5 7 6 1 6 6 9	6/98	Montague et al			
	5 8 1 9 2 9 2	10/98	Hitz et al			
	5 8 2 5 8 7 7	10/98	Dan et al			
	5 8 4 1 9 9 7	11/98	Bleiweiss et al			
	5 8 5 4 9 0 3	12/98	Morrison et al			
	5 8 7 6 2 7 8	3/99	Cheng			
	5 8 9 0 9 5 9	4/99	Pettit et al			
	5 9 1 5 0 8 7	6/99	Hammond et al			
	5 9 3 1 9 3 5	8/99	Cabrera et al			
↓	5 9 6 3 9 6 2	10/99	Hitz et al			
GJP	6 0 9 8 1 5 5	8/00	Chong, Jr.			

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